

SPECIFICATION PROPOSAL

Vehicle Configuration

FREIGHTLINER M2 106 CONVENTIONAL CHASSIS
2011 MODEL YEAR SPECIFIED
SET BACK AXLE - TRUCK

General Service

FIRE SERVICE
EMERGENCY VEHICLES BUSINESS SEGMENT
MEDIUM TRUCK WARRANTY
EXPECTED FRONT AXLE(S) LOAD : 14600 lbs
EXPECTED REAR DRIVE AXLE(S) LOAD : 26000 lbs
EXPECTED GROSS VEHICLE WEIGHT CAPACITY :
40600 lbs

Engine

CUM ISC-300 300 HP @ 2000 RPM, 2200 GOV, 860
LB/FT @ 1300 RPM

Engine Equipment

2007 EPA/CARB EMISSION CERTIFICATION
NFPA COMPLIANT EMBER SCREEN AND FIRE
RETARDANT DONALDSON AIR CLEANER
LN 12V 270 AMP 4949PA PAD MOUNT ALTERNATOR
WITH AC TAPS
(2) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT
MAINTENANCE FREE 2200 CCA THREADED STUD
BATTERIES
BATTERY BOX FRAME MOUNTED
POSITIVE POST FOR JUMPSTART
CUMMINS 18.7 CFM COMPRESSOR WITH INTERNAL
SAFETY VALVE
STEEL AIR COMPRESSOR DISCHARGE LINE WITH
INTEGRAL QUICK CONNECT SYSTEM CHARGING
VALVE
FIRE AND EMERGENCY SERVICE VEHICLES
ENGINE WARNING
CUMMINS EXHAUST BRAKE INTEGRAL WITH
VARIABLE GEOMETRY TURBO
RH HORIZONTAL AFTERTREATMENT DEVICE WITH
HORIZONTAL TAILPIPE
HORTON DRIVEMASTER ON/OFF FAN DRIVE
AUTOMATIC FAN CONTROL WITHOUT DASH
SWITCH, NON ENGINE MOUNTED
1100 SQUARE INCH ALUMINUM RADIATOR W/
SENDURE HEAT EXCHANGER

ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE-CHARGED SCA HEAVY DUTY COOLANT
GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT
ELECTRIC GRID AIR INTAKE WARMER
DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH

Transmission

ALLISON 3000 EVS 5 SPD AUTOMATIC TRANSMISSION WITH PTO PROVISION

Transmission Equipment

MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN
PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED
WATER TO OIL TRANSMISSION COOLER
TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK
SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

Front Axle and Equipment

AF-14.7-3 14,700# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
FIRE AND EMERGENCY SEVERE SERVICE, NON-ASBESTOS FRONT LINING
GUNITE AUTOMATIC FRONT SLACK ADJUSTERS
TRW TAS-85 POWER STEERING
2 QUART SEE THROUGH POWER STEERING RESERVOIR

Front Suspension

14,600# TAPERLEAF FRONT SUSPENSION
MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION
FRONT SHOCK ABSORBERS

Rear Axle and Equipment

26,000 LB FIRE/EMERGENCY SINGLE REAR AXLE
IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING
17T MERITOR MAIN DRIVELINE WITH HALF ROUND YOKES
MERITOR 16.5X7 P CAM REAR BRAKES, DOUBLE ANCHOR, CAST SHOES

FIRE AND EMERGENCY SEVERE SERVICE NON-
ASBESTOS REAR BRAKE LINING
GUNITE AUTOMATIC REAR SLACK ADJUSTERS

Rear Suspension

27,000# FLAT LEAF SPRING REAR SUSPENSION
WITH RADIUS ROD FOR FIRE/EMERGENCY
SERVICE
SPRING SUSPENSION - 1.50" AXLE SPACER
CUSTOM AXLE CLAMPING GROUP
FORE/AFT CONTROL RODS

Brake System

AIR BRAKE PACKAGE
WABCO 4S/4M ABS WITHOUT TRACTION CONTROL
BW AD-9 BRAKE LINE AIR DRYER WITH HEATER
CUSTOM STEEL AIR BRAKE RESERVOIRS
STANDARD AIR SYSTEM PRESSURE PROTECTION
BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER -
WET TANK

Electrical Connections

UPGRADED CHASSIS MULTIPLEXING UNIT
UPGRADED BULKHEAD MULTIPLEXING UNIT

Wheelbase & Frame

(216 INCH) WHEELBASE
11/32"X3-1/2"X10-15/16" STEEL FRAME 120KSI
(75 INCH) REAR FRAME OVERHANG

Chassis Equipment

THREE-PIECE 14 INCH CHROME STEEL BUMPER
WITH COLLAPSIBLE ENDS AND LH WING CUTOUT
FOR SPEAKER
FRONT TOW HOOKS - FRAME MOUNTED
GRADE 8 THREADED HEX HEADED FRAME
FASTENERS

Fuel Tanks

50 GALLON RECTANGULAR ALUMINUM FUEL TANK
PLAIN ALUMINUM/PAINTED STEEL FUEL TANK
WITH PAINTED BANDS
ALLIANCE FUEL FILTER/WATER SEPARATOR
EQUIFLO INBOARD FUEL SYSTEM
REINFORCED NYLON FUEL HOSE
FUEL COOLER

Tires

CONTINENTAL HSR 12R22.5 16 PLY RADIAL FRONT TIRES
CONTINENTAL HDR 12R22.5 16 PLY RADIAL REAR TIRES

Hubs

CONMET PRE-SET BEARING IRON FRONT HUBS
CONMET PRE-SET BEARING IRON REAR HUBS

Wheels

22.5X8.25 10-HUB PILOT ALUMINUM DISC FRONT WHEELS
22.5X8.25 10-HUB PILOT ALUMINUM REAR OUTER WHEELS
POLISHED FRONT WHEELS; OUTSIDE ONLY
POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY

Cab Exterior

106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
AIR CAB MOUNTS
NFPA COMPLIANT EXTERIOR GRAB HANDLES
HOOD MOUNTED CHROMED PLASTIC GRILLE
CHROMED HOOD MOUNTED AIR INTAKE GRILLE
FIBERGLASS HOOD
DUAL GROVER 25 INCH ROUND STUTTER TONE HOOD MOUNTED AIR HORNS
DUAL ELECTRIC HORNS
DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME
INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL
FREIGHTLINER LED AERODYNAMIC MARKER LIGHTS
DAYTIME RUNNING LIGHTS
STANDARD FRONT TURN SIGNAL LAMPS
DUAL 102" WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE
LH AND RH 8" BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS
63 INCHX14 INCH TINTED REAR WINDOW
TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS
TINTED WINDSHIELD

8 LITER WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR

Cab Interior

OPAL GRAY VINYL INTERIOR
MOLDED PLASTIC DOOR PANELS WITH ALUMINUM KICKPLATE LOWER DOORS
GRAY VINYL MATS WITH INSULATION
FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING
IN DASH STORAGE BIN
(2) CUP HOLDERS LH AND RH DASH
HEATER, DEFROSTER AND AIR CONDITIONER
MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH
CAB INSULATION
SOLID-STATE CIRCUIT PROTECTION AND FUSES
12V NEGATIVE GROUND ELECTRICAL SYSTEM
DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS
CAB DOOR LATCHES WITH MANUAL DOOR LOCKS
(1) 12 VOLT POWER SUPPLY IN DASH
HIGH BACK AIR SUSPENSION DRIVER SEAT NFPA COMPLIANT
HIGH BACK NON SUSPENSION PASSENGER SEAT WITH UNDERSEAT STORAGE NFPA COMPLIANT
LH AND RH INTEGRAL DOOR PANEL ARMRESTS
GRAY VINYL DRIVER SEAT COVER WITH GRAY CORDURA CLOTH BOLSTER AND HEADREST
GRAY CORDURA PLUS CLOTH PASSENGER SEAT COVER
NFPA COMPLINAT HIGH VISIBILITY SEAT BELTS
ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN
4-SPOKE 18 INCH STEERING WHEEL
DRIVER AND PASSENGER INTERIOR SUN VISORS

Instruments & Controls

BLACK GAUGE BEZELS
LOW AIR PRESSURE LIGHT AND BUZZER
2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES
ENGINE COMPARTMENT MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS, WITH WARNING LIGHT IN DASH
97 DB BACKUP ALARM

IGNITION SWITCH WITH NON REMOVABLE KEY
 ODOMETER/TRIP/HOUR/DIAGNOSTIC/VOLTAGE
 DISPLAY: 1X7 CHARACTER, 26 WARNING LAMPS,
 DATA LINKED, ICU3
 2 INCH ELECTRIC FUEL GAUGE
 ELECTRICAL ENGINE COOLANT TEMPERATURE
 GAUGE
 2 INCH TRANSMISSION OIL TEMPERATURE GAUGE
 ENGINE AND TRIP HOUR METERS INTEGRAL
 WITHIN DRIVER DISPLAY
 ELECTRIC ENGINE OIL PRESSURE GAUGE
 AM/FM/WB DASH MTD RADIO W/ (2) SPEAKERS
 ELECTRONIC MPH SPEEDOMETER WITH
 SECONDARY KPH SCALE
 ELECTRONIC 3000 RPM TACHOMETER
 DIGITAL VOLTAGE DISPLAY INTEGRAL WITH
 DRIVER DISPLAY
 SINGLE ELECTRIC WINDSHIELD WIPER MOTOR
 WITH DELAY
 MARKER LIGHT SWITCH INTEGRAL WITH
 HEADLIGHT SWITCH
 ONE VALVE PARKING BRAKE SYSTEM WITH
 WARNING INDICATOR
 SELF CANCELING TURN SIGNAL SWITCH WITH
 DIMMER, WASHER/WIPER AND HAZARD IN HANDLE
 INTEGRAL ELECTRONIC TURN SIGNAL FLASHER
 WITH HAZARD LAMPS OVERRIDING STOP LAMPS

Design

PAINT: ONE SOLID COLOR

Color

CAB COLOR A: RED ELITE
 BLACK, HIGH SOLIDS POLYURETHANE CHASSIS
 PAINT

TOTAL VEHICLE SUMMARY

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight ⁺	6979 LBS	4151 LBS	11130 LBS

(+) Weights shown are estimates only.

